1 Generate animated scan or hydration movie

An alternate method of viewing a microstructure is to create a fly-through scan—one z-plane slice at a time—of the 3-D image. This selection can be used to create an animated GIF file for a user-specified 3-D microstructure. For this selection, the user supplies the following information before submitting the displayed form:

- the name of the microstructure to be animated,

- a new filename in which to store the animated GIF file,

- the number of 2-D slices to include in the animation (from 1 up to the system size), and

- the magnification ($1\times$–$10\times$) to use.

The first slice of the microstructure is always used as the starting slice for the 3-D animation generation. Typically, to generate a complete (100 slice) animation of a 3-D microstructure will require up to 20 min of CPU time. Therefore, the user should wait at least that long before trying to view the animation using the next submenu selection.

<u>NOTE</u>: The VCCTL is set up to create only one animation at any specific time. Therefore, if the system is busy creating one animation when another request is submitted, the user will be notified to resubmit the job at a later time.

References